

DIPTERA OF LABRADOR

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This list was for the most part prepared some time ago, but was laid aside to await the determination of few species. In the meantime, however, other work intervened. The list represents the results of a number of expeditions by zoölogists and collectors including Alpheus S. Packard in 1860 and 1864. Samuel Henshaw in 1881, Lucien M. Turner in 1882 and 1883, J. D. Sornborger in 1892 and 1897, A Stecker and J. D. Sornborger in 1899, Dr. C. W. Townsend and G. M. Allen 1906, Owen Bryant 1908 and O. L. Austin, Jr., 1927. There is also added to the list a number of species more recently described by C. P. Alexander, J. R. Malloch, C. H. Curran, and A. L. Melander, the names of the collectors being given in connection with the species described. The following list contains about 170 species.

TRICHOCERIDÆ

Trichocera Meigen

T. sp. Nain, Aug. 18, Kangalasiornik, Sept. 15 (Bryant).

TIPULIDÆ

Dicranomyia Stephen

D. halterata O.S. Battle Harbor, July 11.

Dactylolabis Osten Sacken

D. rhicnoptiloides Alex.

Limnophila (Dactylolabis) rhicnoptiloides Alex. Rept. Can. Arctic Exped. 1913-18, Crane-flies, p. 6 c. 1919.

The type was taken at Bernard Harbor, N. W. Ter-

ritories. It was later recorded from Ellesmereland by Dr. Alexander, collected on the Second "Fram" Expedition.

A specimen of this species was taken at Joksut, an inlet just south of Cape Chidley, Aug. 17, 1927, by O. L. Austin, Jr. Specimen in the Museum of Comparative Zoölogy.

Chionea Dalman

C. waughi Curran. Can. Ent. vol. 57, p. 24, 1925. Cabot Lake, Sept-Oct. and Voisey's Bay, Dec. 5, 1921 (F. W. Waugh).

Limnophila Macquart

L. subunica Alex. Rama, 1899 (Stecker).

Tricyphona Zetterstedt

T. hyperborea O. S. "Labrador." (Osten Sacken).

T. inconstans O. S. Cape Charles, July 28 (Allen).

Dolichopeza Curtis

D. americana Needh. Rigolet, July 16 (Allen).

Prionocera Loew

P. electa Alex. Can. Ent., vol. 59, p. 188, 1927. Hopedale, July 1, 1923 (W. W. Perrett).

Tipula Linnæus

T. angustipennis Loew. Hopedale and Caribou Isl. (Packard). Rama (Sornborger).

T. aperta Alex. Can. Ent., vol. 40, p. 62, 1918. (*T. imperfecta* Alex. 1915 *non* Brunetti. 1913). "Labrador" (Packard).

T. canadensis Loew, Hopedale, July 31, 1922, June 21, 1924. (W. W. Perrett).

T. entomophthoræ Alex. Can. Ent., vol. 60, p. 99, 1928. Hopedale, June 19-27, 1925 (W. W. Perrett).

T. grenfelli Alex. Can. Ent., vol. 60, p. 96, 1928. Hopedale, July 7, 1923 (W. W. Perrett).

- T. labradorica** Alex. Insec. Inscit., vol. 3, p. 128, 1915.
(*T. tessellata* Loew 1863 non *T. tessellata* de Villers
1789 Battle Harbor July 11, Great Caribou Isl., July
14 (Allen).
- T. macrolabis** Loew. Rama, Aug. 24, 1882 (Sornborger Hopedale, June 19-Aug. 4, (W. W. Perrett).
- T. nebulipennis** Alex. Battle Harbor, Aug. 1, 1912 (G. P. Engelhart).
- T. packardi** Alex. Can. Ent., vol. 60, p. 99, 1928. Hopedale, Aug. 24, 1924 (W. W. Perrett).
- T. perretti** Alex. Can. Ent., vol. 60, p. 98, 1928. Hopedale, July 17, 1923. (W. W. Perrett).
- T. productella** Alex. Can. Ent., vol. 60, p. 100, 1928. Hopedale, Sept. 13, 1923 (W.W. Perrett).
- T. septentrionalis** Loew. "Labrador" (Schneider) Hopedale, June 18-July 5 (W.W. Perrett).
- T. sarta** Loew (*T. albonotata* Doane). Hopedale, June 19 to Aug. 4 (S.S. Perrett).
- T. subsarta** Alex. Can. Ent. vol. 60, p. 97, 1928. Hopedale (Packard). Rama 1894 (Sornborger). Hopedale July 18-25 (W.W. Perrett).

CULICIDÆ

Aedes Meigen

- A. punctor** (Kirby). *A. provocans* Walk. St. Lewis Inlet, Rigolet and Cape Charles July 12 to 28 (Allen).

CHIRONOMIDÆ

Culicoides Latreille

- C. sp.** "Labrador" (Packard).

Tanypus Meigen

- T. monilis** Linn. Great Caribou Isl., July 26 (Allen).
- T. sp.** Hopedale (Packard).

Chironomus Meigen

- C. annularis** De G. Hopedale (Packard), Great Caribou Isl.,
July 27 (Allen).
C. cristatus Fab. Hopedale (Packard), Great Caribou Isl.,
July 27 (Allen).
C. riparius Meig. Hopedale (Packard).
C. brunneipes Zett.? Hopedale (Packard) Cape Charles, July
July 29 (Allen).

CECIDOMYIIDÆ

Rhaddophaga Westwood

- R.** sp. Hopedale, (Packard).

Packard in his Labrador Coast, p. 390, records *Micromyia leucorum* with the following note: "Prof. C. W. Woodworth writes me that on examining the collection of Diptera which I made in Labrador, and which is now in the Cambridge Museum, he detected the rare European Cecidomyid, *Micromyia leucorum*, belonging to a genus hitherto unrecorded for North America."

I have examined the specimen referred to and thus labeled in the Museum of Comparative Zoölogy, and find that it is a Chironomid.

MYCETOPHILIDÆ

Gnoriste Meigen

- G. megarrhina** Osten Sacken, Nain, Aug. 18, (Bryant).

Mycomya Rondani

- M. maxima** Johannsen, Nain Aug. 18 (Bryant). The type locality "Maine," should read Nain.

Allocadia Winnertz

- A.** sp. Nain Aug. 18 (Bryant).

Neosciara Petty

- N.** sp. St. Lewis Inlet, July 12 (Allen).

BIBIONIDÆ

Bibio Geoffroy

B. inæqualis Loew ♂ ♀ Hopedale (Packard). Rama 1899, (Stecker and Sornborger). Cape Charles July 29 and 30 (Allen).

Bibio bryanti sp. nov.

♂ Head, antennæ and palpi black, pile of the eyes long and brown. Thorax black, shining with long black pile. Abdomen black, whitish pile. Legs reddish, with yellowish hairs, coxæ and knees black, the inner spur of the front tibiæ about one-half the length of the outer one, the posterior tibiæ and metatarsi enlarged, the latter about as long as the second and third joint combined. Wings hyaline, the costa, stigma and first and second veins brown. Halteres dark brown. Length 8 mm. Nain, Aug. 18 (Bryant). Rama, Aug. 24 (Sornborger). Holotype and paratypes in the Museum of Comparative Zoölogy.

It resembles *B. variabilis* Loew, but the lighter colored femora and enlarged metatarsi readily separates it. From *B. fumipennis* Walk, it is distinguished by its light colored wings and veins and the noticeably thicker tibiæ and metatarsi.

Bibio labradorensis sp. nov.

♂ Head, antennæ and palpi black, the pile on the eyes brown. Thorax black, shining, pile yellowish. Abdomen black pile yellow. Femora black, tibiæ and tarsi yellow, the latter very short, the posterior tibiæ as large as the femora and posterior metatarsi about one-half the diameter of the tibia, the second joint of the tarsus also noticeably enlarged. Wings hyaline, the anterior veins and stigma light yellow. Halteres dark brown. Length 5.5 mm. Two specimens. Nain, Aug. 18, 1908 (Bryant).

This species resembles a small *B. variabilis* Loew, but differs in having thickened metatarsi and obsolete stigma. Holotype and paratype in the Museum of Comparative Zoölogy.

SCATOPIIDÆ

Aspistes Meigen

A. analis Kirby. Hopedale (Parkard).

SIMULIIDÆ

Simulium Latreille

S. venustum Say. Cape Charles, July 29 (Allen).

S. (Wilhelmia) vittatum Zett. Fort Chimo (Turner). Hawk's Harbor, July 20, '08. (Peary's North Pole Expd.)

Prosimulium Roubaud

P. hirtipes Fries. Rigolet and Cape Charles, July 18 and 28 (Allen). Nain, Aug. 18 (Bryant). Hawk's Harbor, July 20, '08 (Peary's North Pole Expd.)

STRATIOMYIDÆ

Beris Latreille

B. annulifera var. **brunnipes** Johns. Psyche, vol. 33, P. 109, 1926. Parroquet Isl., July 21, 1881 (Henshaw). Strait of Belle Isle (Packard.)

TABANIDÆ

Chrysops Meigen

C. excitans Walk. St. Lewis Inlet, July 12 (Allen).

C. mitis O.S. St. Lewis Inlet, Great Caribou Isl. and Cape Charles, July 12 to Aug. 29 (Allen).

C. sordida O.S. Great Caribou Isl. July 29 (Allen).

Tabanus Linnæus

T. affinis Kirby, Great Caribou Isl., 27 (Allen).

T. astutus O.S. Great Caribou Isl. and Cape Charles, July 27-30 (Allen).

- T. flavipes** Wied. St. Lewis Inlet and Cape Charles, July 12 and 21. (Allen) Kangalasiornik Bay, Sept. 5 (Bryant).
T. illotus O.S., St. Lewis Inlet, July 12 (Allen).
T. septentrionalis Loew. Great Caribou Isl. and Cape Charles July 27-30 (Allen). Nain Aug. 18 (Bryant).
T. zonalis Kirby. Lewis Inlet, and Cape Charles, July 12 and 28 (Allen).
T. labradorensis Enderlein. (*Tylosypia labradorensis* Ender. mitt. Zoöl. Mus. Berlin, xi, 363, 1925). "Labrador." (Enderlein).
T. cristatus Curran. Can. Ent., vol. 59, p. 81, 1927. "Labrador" (Curran).

RHAGIONIDÆ

Symphoromyia Frauenfeld

- S. montana** Aldr. Ungava Bay (Turner).

ASILIDÆ

Asilus Linnæus

- A. nitidifacies** Hine. Hopedale, Aug. 19, 1923 (W. W. Perrett).

DOLICHOPODIDÆ

Dolichopus Latreille

- D. annulipes** Zett. (*D. stenhammeri* Zett). Sloop Harbor, July 19, Hopedale and Caribou Isl. (Packard). Nain, Aug. 18 (Bryant). Dr. Aldrich agrees with Becker that *annulipes* is not preoccupied, c.f. Proc. U.S. Nat. Mus., vol. 61, art. 25, p. 2, 1922.
D. boreus Van D., Cole and Aldr. Ungava Bay, July 22-28 (Turner).
D. brevipennis Meig. Nain Aug. 18 (Bryant).
D. bryanti Van D., Cole and Aldr. Hopedale and Strawberry Harbor (Packard). Ungava Bay, July 29 (Turner) Great Caribou Isl. July 27 and Nain, Aug. 18 (Bryant).
D. dasypodus Coq. Hopedale and Caribou Isl. (Packard). Nain, Aug. 18 (Bryant).

- D. delicatus** Aldr. Ungava Bay and Fort Chimo (Turner).
D. groenlandica Zett. Ungava Bay, July 29 (Turner). Nain, Aug. 18 (Bryant).
D. packardi Van D., Cole and Aldr. Nain, Aug. 18 (Bryant).
D. latronis Van D., Cole and Aldr. Hopedale (Packard).

Hydrophorus Fallen

- H. chrysologus** Walk. Strait of Belle Isle (Packard).

Scellus Loew

- S. filifer** Loew. Nain, Aug. 18 (Bryant).

The nine specimens, all females, are a little smaller than specimens from Farwell Creek, South Saskatchewan (Mrs. Armstrong), and High River, Alberta (Owen Bryant).

Rhaphium Meigen

- R. sp.** Hopedale (Packard), Caribou Isl. (Packard). "Both specimens are females that I cannot determine." (M. C. Van Duzee).

EMPIDIDÆ

Bicellaria Macquart

- B. uvens** Mel. (Genera Ins., 74 1927) Fort Chimo, Ungava Bay (Turner).

Iteaphila Zetterstedt

- I. curva** Curr. Can. Ent., vol. 57, p. 24, 1925. Nain, June 15-22 (F. W. Waugh).

Hilara Meigen

- H. unicolor** Loew. Caribou Isl. (Packard) Nain, Aug. 18 (Bryant).

Empis Linnæus

- E. lævigata** Loew. Battle Harbor, July 11; Cape Charles, July 28 (Allen). Caribou Isl., Indian Harbor and Strawberry Harbor (Packard).
E. obesa Loew Nain, Aug. 18 (Bryant).

Rhamphomyia Meigen

- R. incompleta** Loew. Nain, Aug. 18 (Bryant).
R. setosa Coq. Great Caribou Isl., July 27 (Allen). Nain,
Aug. 18 (Bryant). Strawberry Harbor (Packard).

Clinocera Meigen

- C. (Hydrodromia) longifurca** Mel. (Genera Ins., 231, 1927)
Nain, Aug. 18 (Bryant).
C. (Hydrodromia) conjunta Loew. Great Caribou Isl., July
27 (Allen). Nain, Aug. 18 (Bryant).

Chelifera Macquart

- C. (Metachela) albipes** Walk. Fort Chimo, Aug. 11 (Turner).

Tachypeza Meigen

- T. winthemi** Zett. Great Caribou Isl., Aug. 11.

Platypalpus Macquart

- P. arcticus** Mel. (Genera Ins., 344, 1927). Fort Chimo, Ungava Bay (Turner).
P. melanogaster Mel. (Genera Ins., 323, 1927). Ungava Bay (Turner).
P. prorsus Mel. (Genera Ins., 328 1928). Ungava Bay (Turner).
P. satyriacus Mel. (Genera Ins., 327, 1927) Ungava Bay, (Turner).
P. xanthopus Mel. (*P. gilvipes* Coq. not Meig.) Genera Ins., 367, 1927. Great Caribou Isl., July 14 and 27 (Allen).

PHORIDÆ

Megaselida Rondani

- M. rufipes** Meig. Nain, Aug. 18 (Bryant).

SYRPHIDÆ

Pyrophæna Schiner

P. granditarsus Forster "Labrador" (Henshaw).

Platychirus St. Fargeau and Serville.

P. albimanus Fabr. Great Caribou Isl., July 21 (Allen).
Nain, Aug. 18 (Bryant).

P. hyperboreus Stæg. Strawberry Harbor (Packard). Nain,
Aug. 18 (Bryant).

P. peltatus Meig. dark var. Two females, Nain, Aug. 18
(Bryant).

P. quadratus Say. Strait of Belle Isle (Packard).

Melanostoma Schiner

M. mellinum Linn. Strawberry Harbor (Packard).

M. obscurum Say. Strawberry Harbor (Packard).

Syrphus Fabricius

S. pallifrons Curran Kansas Univ. Sci. Bull., vol. 15, p. 172,
1924. Nain, Aug. 18 (Bryant).

S. perplexus Osburn. Kangalasiornik Bay, Sept. 5, (Bryant).

Epistrophe Walker

E. contumax O. S. Indian Harbor (Packard). Rama (Stecker
and Sornborger). Great Caribou Isl., July 14 (Allen).

E. diversipes Macq. Indian Harbor, Strawberry Harbor and
Caribou Isl. (Packard).

E. geniculatus Macq. Nain, Aug. 18 (Bryant).

E. insoletus Osburn St. Lewis Inlet, July 12 (Allen).

Sphæropheria St. Fargeau et Serville

S. strigata Stæger. Strawberry Harbor (Packard). Great
Caribou Isl., July 14 (Allen). Nain Aug. 18 (Bryant).

Volucella Geoffroy**V. bombylans arctica** Johnson.

V. facialis form *arctica* Johnson Psyche, vol. 23, p. 163, 1916.

V. bombylans arctica Johnson. Psyche, vol. 32, p. 116, 1925.

Rama, 1899 (Stecker and Sornborger), Nain (Sornborger), Nain, Aug. 18, 1908 (Bryant).

This circumpolar group of *Volucella* that live in the nests of various species of *Bombus*, form an interesting but difficult group to classify. Recognizing but one species with numerous subspecies seems to be the most satisfactory method of treating them.

Eristalis Latreille

E. arbustorum Linn. Nain, Aug. 18 (Bryant) Battle Harbor (Englehardt).

E. bastardii Macq. "Labrador" (Williston).

Helophilus Meigen

H. borealis Stæger. Rama (Stecker and Sornborger), Nain, Aug. 18 (Bryant).

H. groenlandicus O. Fab. Indian Harbor (Packard), Nain, Aug. 18 (Bryant).

H. latifrons Loew. Nain, Aug. 18 (Bryant).

OESTRIDÆ

Cephenomyia trompe Linn?

The species that infests the Barren-ground Caribou (*Rangifer articus*) is probably the same that frequents the reindeer and is circumboreal in distribution. The adult fly has not been taken. Dr. Grenfell informs me that in all the heads of the caribou that he has examined he found parasitic larvæ usually just below the ethmoid. See *Insects of Labrador*, in appendix to "Labrador the Country and the People" by Wilfred T. Grenfell, 1909.

Oedemagena tarandi Linn?

This is also probably the same species that infests the reindeer. The larvæ are subcutaneous, forming large lumps on the back, from which they escape when full grown through holes in the skin. Dr. Grenfell says that he has seen a skin so perforated that it was practically impossible to cut from it a pair of moccasins. The fly has not been taken in Labrador.

TACHINIDÆ

Linnæmyia R.-Desvoidy

L. varia Curran. Hopedale, June 12-July 18 (Rev. Perrett).

Fabriciella Bezzi

F. orientalis Town. (? *Tachina florum* Walk.) Cape Charles, July 3 (Allen).

F. montana Town. Nain (Sornborger).

SARCOPHAGIDÆ

Pachyophthalmus Brauer and Bergenstamm

P. distortus Allen (Proc. U.S. Nat. Mus., vol. 68, art. 9, p. 15, 1926). Hamilton Riv., Muskrat Falls, July 12-19, 1919 (S. E. Arthur).

CALLIPHORIDÆ

Protophormia Townsend

P. terrænovæ R.-Desv. "Labrador" (Sornborger).

Cynomyia R.-Desvoidy

C. mortuorum Linn. Nain, Aug. 18 (Bryant).

C. cadaverina R.-Desv. Square, Isl. (Packard). Rama and Hebron (Sornborger). Kangalasiornik Bay, Aug. 28 (Bryant).

Steringomyia Pokorny

S. flavipalpis Macq. Indian Harbor (Packard).

Boreellus Aldrich and Shannon

B. atriceps (Zetterstedt).

Sarcophaga atriceps Zett. Dipt. Scand., vol. 4, 1311, 31
1843.

Melinda atriceps Hend. Wien. Ent. Zeitz., xx 33, 1901.

Onesia atriceps Zett. Katal. Pal. Dipt., III, 550, 1907

Phormia cærulea Mall., Rept. Can. Arctic Expd., vol. 3,
pt. c, p. 61 c, 1919.

Boreellus aristatus Aldr. & Shan., Insec. Inscit., xi, 107,
1923.

Boreellus atriceps Shan., Proc. Ent. Soc. Wash., vol. 28,
p. 128, 1926.

Mallochomyia johanseni Town. Insec. Inscit., Vol. 14, p.
25, 1926. Greedy Harbor, Aug. 8 (Bryant).

Calliphora R.-Desvoidy

C. vomitoria Linn. Indian Harbor (Packard).

MUSCIDÆ

Musca Linnæus

M. domestica Linn. near Killinek, Sept. 5 (Bryant).

Myospila Rondani

M. meditabunda Fab. Great Caribou Isl., July 27 (Allen).

ANTHOMYIIDÆ

Phaonia R.-Desvoidy

P. errans Meig. Square Isl., July (Packard).

P. monticola Mall. Rama and Indian Harbor (Packard).
Nain, Aug. 18 (Bryant).

P. serva Meig. Strait of Belle Isle. (Packard). Rigolet, July
5 (Allen).

Trichopticus Rondani

- T. innocuus** Zett. Strawberry Harbor (Packard). Great Caribou Isl., July 27 (Allen). Nain, Aug. 18 (Bryant).
T. septentrionalis Stein., Nain, Aug. 18 (Bryant).
T. spiniger Stein. Nain, Aug. 18 (Bryant). Caribou Isl. (Packard).

Rhynchotrichops Schnabl

- R. subrostrata** Zett. Battle Harbor, July 11 (Packard). Great Caribou Isl., July 14 (Allen).

Pogonomyia Rondani

- P. quadrisetosa** Mall. Can. Arctic. Expd., vol. 3, pt. c. p. 66c, 1919. Nain.

Helina R.-Desvoidy

- H. fulvisquama** Zett. (*H. tuberculata* Mall., Can., Ent., Vol. 51, p. 277, 1919, not Mall., Trans. Amer. Ent. Soc., vol. 46, p. 138, 1920). Rigolet, July 18 (Allen).
H. duplicata Meig. Caribou Isl. (Packard).

Spilaria Schnabl.

- S. lucorum** Fall. Nain, Aug. 18 (Bryant).
S. marmorata Zett. Caribou Isl. and Straits of Belle Isle (Packard).

Hydrotæa R.-Desvoidy

- H. cristata** Mall. Indian Harbor (Packard).

Fannia R. Desvoidy

- F. scalaris** Fab. Caribou Isl. (Packard).

Spilogona Schnabl and Dziedzicki

- S. alticola** (Mall.) Trans. Amer. Ent. Soc., vol. 46, p. 153, 1920. Nain, Aug. 18 (Bryant).
S. sp. Nain, Cape Charles and Caribou Isl.

Lispocephala Pokorny

- L. erythrocer**a Desv. Caribou Isl. and Strawberry Harbor (Packard).

Cœnosia Meigen

- C. humilis** Meig. Cape Charles, July 29 (Allen). Caribou Isl. (Packard).

Prosalpia Pokorny

- P. angustitarsis** Mall. Nain, Aug. 18 (Bryant).
P. silvestris Fab. Straits of Belle Isl., Indian Harbor (Packard).

Hylemyia R. Desvoidy

- H. brassicæ** Bouche. Nain, Aug. 18. Killinek, Sept. 5 (Bryant).
H. cilicrura Rond. Caribou Isl. (Packard).
H. antiqua Meig. Hopedale (Packard).

Egle R.-Desvoidy

- E. mystacea** Coq. "Labrador (Malloch). Nain, Aug. 18 (Bryant).
E. muscaria Meig. Strawberry Harbor and Hopedale (Packard).

Paregle Schnabl and Dziedzicki

- P. radicum** Linn. Nain, Aug. 18 (Bryant).

Pegomyia R.-Desvoidy

- P. fuscofasciata** Mall. Nain, Aug. 18, (Bryant). Caribou Isl. and Strawberry Harbor (Packard).
P. labradorensis Mall. (Trans. Amer. Ent. Soc., vol. 46, p. 176, 1920 Nain, Aug. 18. Kangolasiornik, Sept. (Bryant). Indian Harbor (Packard).

Fucellia R.-Desvoidy

- F. maritima** Haliday, Great Caribou Isl. July 14 (Allen).
Caribou Isl. (Packard).

SCATOPHAGIDÆ

Scatophaga Meigen

- S. stercoraria** Linn. Indian Harbor and Caribou Isl. (Packard). Ragged Isl. July 23.
- S. islandica** Becker. Hopedale, Indian Harbor, Caribou Isl. and Strawberry Harbor (Packard). Hebron, Aug. 28. Rama, Aug. 24, 1897 (Sornborger). Great Caribou Isl., July 14, Gready Harbor Aug. 8, Nain, Aug. 18 (Bryant).
- S. furcata** Say. Ungava Bay (Turner). Nain, Rama, Hopedale and Indian Harbor (Packard). Great Caribou Isl. (Allen). Gready Harbor, Aug. 8 (Bryant).
- S. estotilandia** Rondani
Scatina estotilandia Rond. Archiv. Canestrini, III, fasc. I, p. 35, 1863. Archiv. Zoöl. Modena, Vol. 3, 35, 1863. Labrador. Osten Sacken, Catl. Dipt. N. Amer., 1878, p. 174, says: "Mr. Rondani in the same place mentions *Scatophaga diadema* Wied. (Montevideo) as having been received from Labrador." Hendel (Wien. Ent. Zeit., vol. 29, p. 116, 1910) in a footnote under *Thyreophorella diadema* (*Scatophaga diadema* Wied.) says:—"The insect that Rondani determined as *Scatina diadema* Wied., is doubtless a *Scopeuma* [*Scatophaga*] but not likely to be the above species." [*S. diadema*].

Trichopalpus Rondani

- T. sp.** Caribou Isl. (Packard); Nain, Aug. 18 (Bryant).

Pogonota Zetterstedt

- P. kincaidii** Coq. Nain Aug. 18 (Bryant).

Microprosopa Becker

- M. hæmorrhoidalis** Meig. Nain, Aug. 18 (Bryant).

Eugenacephala Johnson

- E. ruficeps** Curran (1925). Natashquan June-July, 1921.
(F. W. Waugh).

Acanthocnema Becker

- A. albibarba** Loew. Nain, Aug. 18, Bryant. The type from the White Mts., N. H., is teneral.

HELOMYZIDÆ

Suillia R.-Desvoidy

- S. zetterstedtii** Loew. Ungava Bay (Turner).

Allophyla Loew

- A. lævis** Loew Caribou Isl. (Packard).

Oecothea Haliday

- O. fenestralis** Fall. Indian Harbor (Packard).

Scoliocentra Loew

- S. fraterna** Loew. Ungava Bay (Turner).

Neoleria Malloch

- N. ruficauda** Zett. (*Leria crassipes* Loew) Ungava Bay (Turner). Greedy Harbor, Aug. 8. Nain, Aug. 18 (Bryant).

BORBORIDÆ

Borborus Meigen

- B. arcticus** Mall. Fort Chimo, Ungava Bay (Turner).

SCIOMYZIDÆ

Dictya Meigen

- D. umbrarum** Linn. Great Caribou Isl., July 29 (Allen).

SAPROMYZIDÆ

Minettia R. Desvoidy

M. lupulina Fab. Strawberry Harbor, Hopedale (Packard).

PALLOPTERIDÆ

Palloptera Fallen

P. jucunda Loew. Parroquet Isl., July 27, 1881 (S. Henshaw).

PIOPHILIDÆ

Piophila Fallen

P. casei Linn. Indian Harbor and Hopedale (Packard).

EPHYDRIDÆ

Scatella R.-Desvoidy

S. stagnalis Fall. Nain, Aug. 18 (Bryant). Hopedale, Strawberry Harbor (Packard).

CHLOROPIDÆ

Chlorops Meigen

C. melanocera Loew, Nain, Aug. 18. Kangalasiornik Bay, Sept. 5, (Bryant).